

PhD course in Experimental Mycology, Center for Microbial Biotechnology, DTU Systems Biology 2011				
27 October 2011		Chapter in F&IF		Location
9:30-10:00	Welcome and presentation of instructors and participants			
10:00-11:30	Lecture: "Introduction to mycology - what is a fungus?"	Appendix I (pp 371-374)	BA	Rm 021/Bldg 221
11:30-12:30	Lecture: "Methods and techniques used mycology"		BA	
12:30-13:30	Lunch	Ch. 1+2 (pp 1-18)		
13:30-15:00	Plating samples for isolation of fungi (lab)		BA, UT	Rm 219/Bldg 221
15:00-16:00	Lecture "Morphology, secretion and fungal protein production in <i>Aspergillus niger</i> " by Prof. Arthur FJ Ram, University of Leiden, NL		Arthur FJ Ram	Rm 207/ Bldg 223
03 November 2011				
9:30-10:00	Follow-up + Introduction to Group work			
10:00-11:30	Lecture: "Identification to genus level by phenotypic characters"		BA, UT	Rm 021/Bldg 221
11:30-12:30	Identification of fungal cultures to genus level (lab)	Ch. 3+4 (pp 19-351). Important pages: 31-37, 56-57 and 88-95		Rm 219/Bldg 221
12:30-13:30	Lunch			
13:30-16:30	Identification of fungal cultures to genus level (lab) Isolation of fungi from plated samples, inoculation onto media for identification (lab)		BA, UT	
10 November 2011				
9:30-10:00	Follow-up		BA, UT	Rm 021/Bldg 221
10:00-11:00	Lecture: "Identification to species level"	Ch. 3+4 (pp 19-351)		Rm 219/Bldg 221
11:00-12:30	Identification to species level (lab)			
12:30-13:30	Lunch			
13:30-16:30	Identification to species level (lab)		BA, UT, JCF	

17 November 2011				
9:00-10:00	Lecture "Moulds and their adverse effect on humans" by Prof. Niels Ebbehøj, Bispebjerg Hospital, Copenhagen		Niels Ebbehøj	Rm 021/Bldg 221
10:00-10:30	Follow up		BA, UT, JCF	Rm 021/Bldg 221
10:30-12:30	Identification to species level and extraction for chemical profiling (lab)	Ch. 3+4 (pp 19-351)	BA, UT, JCF	Rm 219/Bldg 221
12:30-13:30	Lunch			
13:30-16:30	Identification to species level and extraction for chemical profiling (lab) + Group work			
24 November 2011				
9:30-10:00	Follow-up			Rm 021/Bldg 221
10:00-11:30	Lecture: "Chemical profiling in fungal taxonomy"		JCF, UT	Rm 021/Bldg 221
11:30-12:30	Evaluation of chemical profiles (lab)	Ch. 3 (pp 19-30) and Appendix II (pp 375-377)	UT, JCF	R021+219/B221
12:30-13:30	Lunch			
13:30-16:30	Compilation of all data and comparison to literature (lab) + Group work			
01 December 2011				
9:30-10:00	Follow-up			Rm 207/Bldg 223
10:00-13:00	Presentations by groups		all	
13:00---	Lunch, Discussion, Course evaluation and goodbye			
		Birgitte Andersen - BA		
		Jens Chr. Frisvad - JCF		
		Ulf Thrane - UT		